

ABSTRACT

In order to cope with format conversion of user data, the bit rate value and VBV (Video Buffering Verifier) buffer size value in a sequence header of an input code and the VBV delay value in a picture header of the input code are modified to obtain an intermediate code (305 to 309), and additional information (300) is generated for distinguishing GOP (Group of Pictures) user data (307) from the other main data. A VBV buffer simulation is performed using this additional information (300) to multiplex the GOP user data in a picture user data region to a data amount such that the operation does not fail, whereby an output code is generated.